

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Spangenberg, et al.	
Application No.: 10/553,507	Group Art Unit:
Filed: 10/14/2005	Examiner:
Title: Manipulation of organic acid biosynthesis and secretion	
Attorney Docket No.: FREE.P-006	

Assistant Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313

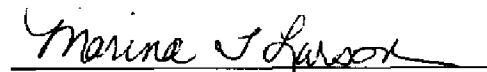
INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants request that the references listed on form PTO 1449, which is attached, be made of record in the US Patent and Trademark Office in the file relating to the above-captioned application. Copies of the listed references are enclosed.

This paper is submitted within three months of the filing date. Accordingly, no fee should be due. The Commissioner is authorized to charge any fees due in connection with this paper or credit any overpayment to Deposit Account No. 15-0610.

Respectfully submitted,



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(970) 468 6600

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/553,507	
			Filing Date	10/14/2005	
			First Named Inventor	Spangenberg et al.	
			Art Unit		
			Examiner Name		
Sheet	1	of	2	Attorney Docket Number	FREE.P-006

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-2004/0116682	06-17-2004	Cheikh et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 1 122 316	08-08-2001	Herrera Estrella		
		WO 00/73475	12-07-2000	Laporte et al.		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of US PTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2

of

2

**Complete if Known**

Application Number 10/553,507

Filing Date 10/14/2005

First Named Inventor Spangenberg et al.

Art Unit

Examiner Name

Attorney Docket Number FREE.P-006

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BEAUJEAN ET AL., Integration and expression of Sorghum C4 phosphoenolpyruvate carboxylase and chloroplastic NADP+ -malate dehydrogenase., Plant Science, 2001, Page(s) 1199-1210, Volume 160, Publisher: Elsevier Science Ireland Ltd.	
		GALLARDO ET AL., Monocotyledonous C4 NADP+ -malate dehydrogenase is efficiently synthesized, targeted to chloroplasts and processed to an, Planta, 1995, Page(s) 324-332, Volume 197, Publisher: Springer-Verlag, Published in:	
		HAUSLER ET AL., Single and double overexpression of C4-cycle genes had differential effects on the pattern of endogenous enzymes,...., Journal of Experimental Botany, 2001, Page(s) 1785-1803, Volume 52, Number 362, Publisher: Society for Experimental Biology	
		HAUSLER ET AL., Overexpression of C4-cycle enzymes in transgenic C3 plants: a biotechnological approach to improve C3-photosynthesis, Journal of Experimental Botany, April 2002, Page(s) 591-607, Volume 53, Number 369, Publisher: Society for Experimental Biology	
		SAMAC ET AL., Plant improvement for tolerance to aluminum in acid soils - a review, Plant Cell, Tissue and Organ Culture, 2003, Page(s) 189-207, Volume 78, Publisher: Kluwer Academic Publishers	
		TESFAYE ET AL., Overexpression of malate dehydrogenase in transgenic alfalfa enhances organic acid synthesis and confers tolerance to..., Plant Physiology, December 2001, Page(s) 1836-1844, Volume 127, Publisher: American Society of Plant Biologists	

Examiner Signature	/Yong Pak/	Date Considered	03/23/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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